

Converting Colors

XYZ(39.3148, 26.5577, 3.0540)

Have a look what the booklet for
XYZ(39.3148, 26.5577, 3.0540)
contains.

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Color

**XYZ(39.1997, 26.5539,
3.0594)**

Conversions

Conversions Part 1

Format	Color
Hex	ED6100
RGB	237, 97, 0
RGB Percent	93%, 38%, 0%
CMY	0.0706, 0.6196, 1.0000
CMYK	0.00, 0.59, 1.00, 0.07
HSL	25°, 100%, 46%
HSV	25°, 100%, 93%
XYZ	39.1997, 26.5539, 3.0594
YIQ	127.8020, 114.5770, -0.4870

Conversions

Conversions Part 2

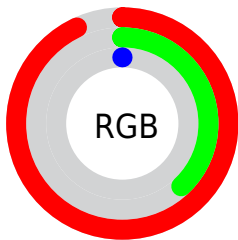
Format	Color
R_{YB}	237, 164, 0
Decimal	15556864
CIE _{Lab}	58.56, 50.80, 67.75
CIE _{LCh}	59, 84.680, 53.134
Yxy	26.5539, 0.5697, 0.3859
Android (android.graphics.Color)	4293746944 (0xFFED6100)
YUV	127.8020, -63.0064, 95.7666
Hunter-Lab	51.5305, 45.6082, 32.5512

Details

The XYZ color **39.1997, 26.5539, 3.0594** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **24.6636, 24.8697, 83.6204**, and the grayscale version is **20.6342, 21.7087, 23.6408**.

A 20% lighter version of the original color is **53.2900, 43.7866, 10.7972**, and **18.0615, 10.5402, 1.0825** is the 20% darker color. If you saturate the color by 10%, you get **39.1998, 26.5546, 3.0595**, and if you desaturate by 10%, it is **40.7719, 29.4398, 4.3818**.

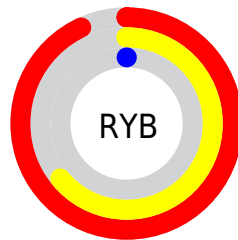
Distribution



Red (93%)

Green (38%)

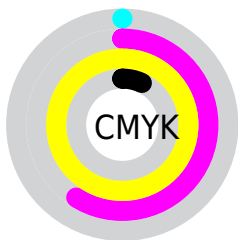
Blue (0%)



Red (93%)

Yellow (64%)

Blue (0%)

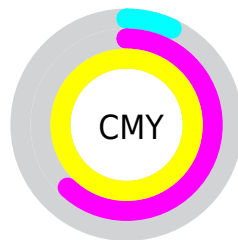


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (7%)



Cyan (7%)


Magenta (62%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1997, 26.5539, 3.0594 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 39.1997, 26.5539, 3.0594 by changing the saturation by 10% instead.


 39.1997, 26.5539,
3.0594


 39.1997, 26.5539,
3.0594

333.9313,
285.4906, 137.1136


 27.0965, 17.2385,
1.1250


 73.2354, 54.1672,
11.7747


 17.7827, 10.4047,
0.0000


 95.8987, 73.2338,
19.3926

 10.8928, 5.6681,
0.0000


 122.8127, 96.3197,
29.7423

 6.0616, 2.6443,
0.0000

 154.3428,
123.8091, 43.2420

 2.9236, 0.9490,
0.0000

 190.8544,
156.0865, 60.3105


 1.1135, 0.0000,
0.0000


 232.7127,


 0.0363, 0.0000,


193.5363, 81.3662


0.0000


 280.2833,
236.5429, 106.8278


 0.0000, 0.0000,
0.0000


 39.1997, 26.5539,
3.0594


 39.1997, 26.5539,
3.0594


 39.1998, 26.5546,
3.0595

 40.7719, 29.4398,
4.3818

 42.7807, 32.8821,
6.8246

 45.2991, 36.9280,
10.7195

 48.3738, 41.6117,
16.2627

 52.0447, 46.9641,
23.6197

■ 56.3477, 53.0135,
32.9353

■ 61.3152, 59.7865,
44.3396

■ 66.9775, 67.3079,
57.9515

■ 73.3625, 75.6013,
73.8806

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.3894, 26.5539, 11.7729



39.1997, 26.5539, 3.0594



27.6996, 26.5539, 1.1975

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.1997, 26.5539, 3.0594



10.1610, 26.5539, 22.6060



33.9164, 26.5539, 119.7100

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.1997, 26.5539, 3.0594



24.6636, 24.8697, 83.6204

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



22.9280, 26.5539, 130.8279



39.1997, 26.5539, 3.0594



10.9787, 26.5539, 57.6720

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.1997, 26.5539, 3.0594



12.4056, 26.5539, 6.3962



15.0619, 26.5539, 102.9477



44.8012, 26.5539, 78.5233

Rectangle

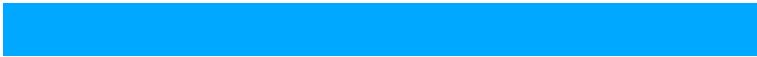
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.1997, 26.5539, 3.0594



20.9713, 26.5539, 1.3322



15.0619, 26.5539, 102.9477



30.0490, 26.5539, 127.8822

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.2003, 26.5554, 3.0598



72.3264, 70.4948, 52.1780



39.8225, 19.9636, 27.4253



14.9293, 14.3424, 9.8846



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2003, 26.5554, 3.0598



46.2279, 31.2359, 3.5926



58.7945, 65.7438, 9.5912



15.5718, 16.0665, 15.7992



21.5236, 14.7414, 1.7109



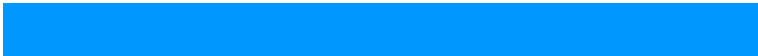
1.7826, 1.3426, 0.1652

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



24.6636, 24.8697, 83.6204



29.0567, 29.2334, 98.7189



15.6066, 6.7556, 80.6014



14.9708, 16.0281, 19.2269



13.5976, 13.8422, 45.6981



1.1620, 1.2754, 3.6198

Previews

White Background



This preview shows how the XYZ color 39.1997, 26.5539, 3.0594 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 39.1997, 26.5539, 3.0594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1997, 26.5539, 3.0594

Background



This preview shows how black text looks on a background with the XYZ color 39.1997, 26.5539, 3.0594.



This preview shows how white text looks on a background with the XYZ color 39.1997, 26.5539,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.1997, 26.5539, 3.0594

Protanopia

24.1257, 26.7788, 4.7079

Deuteranopia

26.8852, 26.5152, 3.7009



Tritanopia

41.3641, 26.5076, 14.0027

Trichromacy



Original Color

39.1997, 26.5539, 3.0594

Protanomaly

28.0406, 25.5210, 3.9001

Deuteranomaly

30.3906, 25.8169, 3.3814

Tritanomaly

40.0166, 26.3428, 7.3904

Monochromacy



Original Color

39.1997, 26.5539, 3.0594

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.9949, 21.6415, 10.6971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1997, 26.5539, 3.0594 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(237, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(237, 97, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 97, 0) }
```

Border

The CSS property to change the border of an element to XYZ 39.1997, 26.5539, 3.0594 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 97, 0) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(237, 97, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(237, 97, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 97, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 97, 0);  
box-shadow:4px 4px 4px 4px rgb(237, 97, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 39.1997, 26.5539, 3.0594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 97, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237, 97,  
0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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